

PRODUCT DESCRIPTION

The MERU Series is an architectural, low-profile outdoor light, offering "normally On" AC and emergency lighting with powerful LED illumination. The housing is fully sealed and gasketed, and has an IP65 rating. Designed for wall mounting with universal K/O pattern in back-plate for easy installation to most standard size junction boxes. Includes a single 1/2" NPT conduit entry in the top, center of the housing. Illumination provided by 8 high power LEDs which achieve 1,600 lumens in AC and 600 lumens in emergency. LED color at 4000K.

PRODUCT SPECIFICATIONS

CONSTRUCTION

Die cast aluminum housing with superior heat sink • Scratch resistant Polyester powder coat finish • UV resistant polycarbonate lens • Snap-fit housing and mounting plate are held together by four stainless steel clips • Universal mounting pattern molded into the back plate • 1/2" threaded top access for surface conduit installation • Silicone rubber seal with hollow center, shape adaptive design protects the electrical components • Junction box neoprene seal is attached to the back plate for a weather proof installation • Dark Bronze or White textured finish.

ELECTRICAL

Dual voltage 120/277V AC 60Hz input • Solid state charging and switching • Battery low voltage disconnect • AC power indicator and test switch at the bottom of the unit • Standard with Self-Diagnostics to monitor proper operation.

LAMPS

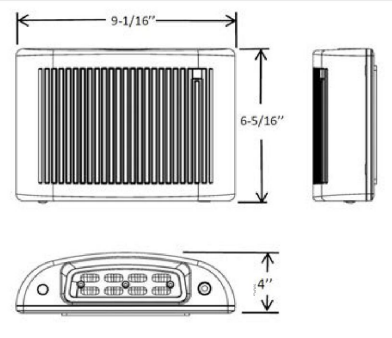

Supplied with eight (8) LG SMD 4000K LEDs • L70 > 72,000hours • 17 Watts total (32 Watts with IH option) • 1600 Lumens in AC mode, 600 Lumens in Emergency mode • Full cut-off optics for Dark Sky compliance

BATTERY

Maintenance-free, long-life rechargeable NiCad battery will operate fixture for a minimum of 90 minutes in the event of a power outage • 24 hour recharge after 90 minute discharge.

CODE COMPLIANCE

UL924 • Listed for wet location applications (0°C-50°C) • Optional "IH" cold weather package for (-40°C-50°C) • IP65 Rated • NFPA 101 Life Safety Code compliant • NEC and OSHA compliant • DLC Listed • RoHS Compliant

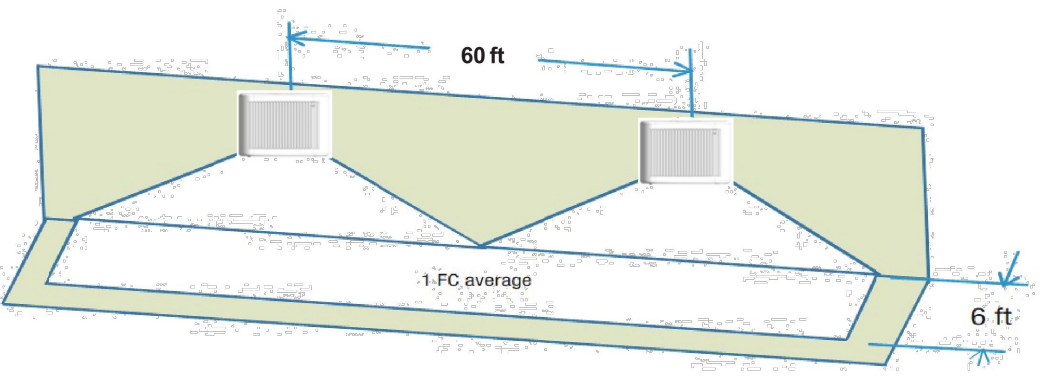


ACEM Model (NiCad Battery Backup)

Integral photocell: Unit operates as a dusk to dawn luminaire and in the event of a power failure as an emergency light.

Remote Switched: The integral photocell can be defeated to allow remote switching for normal operation. In the event of a power failure unit operates as an emergency light.

PHOTOMETRICS



Note: Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Illustration shown is a guideline for corridor center-to-center with 9 ft mounting height and Minimum 80-50-20 reflectance values.

Mounting Height	Center to center distance
7.2ft	45ft
9ft	60ft
10ft	65ft

SELF DIAGNOSTICS

Included Self Diagnostic


Diagnostic Indicator Test Switch

- Green: Ready
- Yellow: Test
- Red: Battery Critical Fault
- Red: Battery Chemistry Failure
- Red: Charger Failure
- Red: Transformer Fault
- Red: Lamp Failure

Manual Testing

- Press button once - 1 minute test
- Press button twice - 5 minute test
- Press button 3 times - 30 minute test
- Press button 4 times - 60 minute test

Full self-test, self-diagnostic system is standard in every unit. Self-test is monthly test as well as continuous monitoring and feedback to ensure reliability. A manual test may be initiated at any time.



"A" - WALL PACK AT DOORS AND TRUCK DOCK

Project	Catalog #	Type
Prepared by	Notes	Date



Prevail XL

Prevail



Lumark

PRV / PRV-XL Prevail LED

Area / Site Luminaire

Typical Applications

Outdoor • Parking Lots • Walkways • Roadways • Building Areas

Interactive Menu

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Product Certifications



Product Features



Quick Facts

- Lumen packages range from 7,100 - 48,600 lumens (50W - 350W)
- Replaces 70W up to 1,000W HID equivalents
- Efficacies up to 148 lumens per watt
- Energy and maintenance savings up to 85% versus HID solutions
- Standard universal quick mount arm with universal drill pattern

Dimensional Details

Prevail



Prevail XL




"B" - LET POLE LIGHTS AT 20' "BX2" - DOUBLE MOUNTED LED POLE LIGHT COLOR TEMP: 3000K

FC

LIGHTING

FCSL2001



Date: _____

Type: _____

Fixture: _____

Project: _____

Approved: _____

FCSL2001 13" exterior die-cast aluminum step light with heavy walled die-cast open faceplate, for masonry or drywall construction. IP68 rated for damp, dry or wet locations.

SPECIFICATIONS


PHYSICAL	
dimensions	13" W x 4.5" H x 3.9" D
weight	5 lbs
housing	Marine grade, corrosion resistant, heavy walled, high pressure, die-cast aluminum with snap-in Screwless faceplate standard. Optional captive recessed stainless steel tamper resistant screws (TRS) (torx pin heads w/tool provided). Back Box is high strength black plastic, F1 UV resistant, UL945VA rated.
lens	White glass lens
mounting	Concrete pour / masonry, solid composite / special construction, and drywall construction mounting kit included. Hanger bar mounting optional.
ingress protection	Optical / driver unit is IP68 rated dry, damp or wet locations. All seals are injection molded silicone.
faceplate finish	Die cast aluminum faceplate. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE	
color	2700K 3000K 3500K 4000K 5000K Amber Red Blue
lifetime	> 70,000 hours / L70 or better
color consistency	3 SDCM / 85 CRI (White)
operating temperature	-13°F to 104°F (-30°C to 40°C)
warranty	5-Year limited warranty (refer to website for details)

ELECTRICAL	
input voltage	Universal 120-277V AC
power supply	Integral, electronic high-power factor > 94% @120V, THD of ≤ 20%
standards	cETLus
power consumption	15W (857 lm), 7W (428 lm)
dimming	standard: 0-10V dimming (10% minimum) optional: TRIAC dimming (120V only), 0-10V dimming (1% minimum)

"C" - BENCH LIGHT

HBLED13A



Color: Bronze

Weight: 4.3 lbs

RAB

Project: _____

Type: _____

Prepared By: _____

Date: _____

Driver Info

Type	Constant Current	Watts	13W
120V	0.12A	Color Temp	5000K (Cool)
208V	0.09A	Color Accuracy	72 CRI
240V	0.08A	L70 Lifespan	100,000 Hours
277V	0.07A	Lumens	1,799
Input Watts	15.6W	Efficacy	115.3 lm/W

LED Info

Watts	13W
Color Temp	5000K (Cool)
Color Accuracy	72 CRI
L70 Lifespan	100,000 Hours
Lumens	1,799
Efficacy	115.3 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for ground mounting.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Performance

Lifespan:

100,000-Hour LED Lifespan based on IES LM-80 results and TM-21 calculations

Construction

Swivels:

Fully adjustable with sure-grip locks. 1/2" NPS threaded arm with serrated locking swivel fits all standard mounting covers. Color matched EZ Grip lock nuts. Stainless steel screw.

Housing:

Precision die-cast aluminum housing

Gaskets:

High-temperature Silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

LFLOOD 13W:

LED Floodlight that reduces energy consumption by 85% compared to 100W PAR38. Spot and Flood beam patterns. Recommended for Residential and Commercial applications.

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Equivalency:

250W BR40

Patents:

LFLOOD thermal Management technology is protected under utility patents pending in the U.S., Canada and China.

"D" - WALL SIGN LIGHT

The McKnight Group

Leaders in Innovative Church Design and Building

McKnight & Hosterman Architects, Inc.

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GHD

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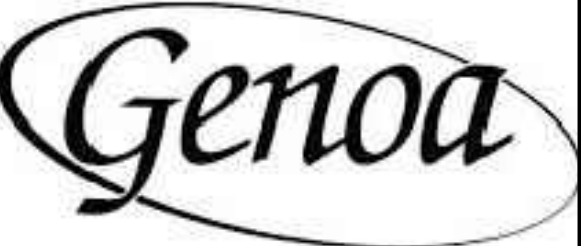
642 Brookedge Blvd. Phone: (614) 942-6042
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IMPLEMENT

Implement Studio

1119 Mount Pleasant Ave Phone: (614) 558-6742
Columbus, OH 43201 www.implement.studio.net

Architect is not responsible for any dimensions scaled from drawings. Dimensions noted take precedence.



Addition for:
GENOA CHURCH
Project Address:
7562 Lewis Center Rd., Westerville, OH 43082

DRAWING

☐ GENOA TWP SUBMITTAL 5 FEB 2021

☐ GENOA TWP SUBMITTAL 15 MAR 2021

☒ GENOA TWP SUBMITTAL 21 APR 2021

☐ Permit Set

☐ Bid Set

REVISIONS

"A" 5 FEBRUARY 2021

"B" 15 MARCH 2021

"C" 21 APRIL 2021

SITE

PHOTOMETRIC

DETAILS

2021-P2

218328